



AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the subject application:

1. (Presently amended) A measuring apparatus for measuring the load of an elevator ~~including a~~ car suspended by a tension member within a hoistway, a termination at one end of the tension member, a mounting plate for attaching the termination relative the hoistway, and a hitch for attaching the termination to the mounting plate, the apparatus comprising:

a load cell positioned between the hitch and the mounting plate wherein the load cell generates a signal proportional to the load ~~and wherein the load cell defines a hole for allowing the termination to pass therethrough~~ and a self-aligning washer located between the hitch and the load cell, the self-aligning washer comprising a first portion interfacing with the load cell and a second portion interfacing with the hitch and wherein the first and second portion are adapted to interface with each other to maintain the hitch in a position normal to the load cell.

2. (Previously presented) The measuring apparatus of claim 1 wherein the load cell comprises an annular shape.

3 & 4 Canceled

5. (Previously presented) The measuring apparatus of claim 1 wherein the elevator car is adapted to move along a guiderail positioned in the hoistway, and wherein the mounting plate is fixed to the guiderail.

6. (Previously presented) The measuring apparatus of claim 1 further includes a beam locating at the top of the hoistway and wherein the mounting plate is attached to the beam.

7. (Previously presented) The measuring apparatus of claim 1 wherein the hoistway is defined by an elevator shaft and the mounting plate is attached to the elevator shaft.

8. (Previously presented) The measuring apparatus of claim 6 wherein the termination is attached to the beam.

9. (Presently presented) A measuring apparatus for measuring the load of an elevator including a car suspended by plurality of tension members within a hoistway, and a termination at one end of each of the plurality of tension members, the apparatus comprising:

a mounting plate for attaching the plurality of terminations relative the hoistway,
a plurality of hitches for attaching each of the plurality of terminations to the mounting plate; ~~and multiple a~~ load cell positioned between each of the plurality of hitches and the mounting plate wherein each load cell generates a signal proportional to the load; ~~and~~
a self-aligning washers located between each of the plurality of hitches and each load cell, each of the self-aligning washers comprising a first portion interfacing with the load cell and a second portion interfacing with the hitch and wherein the first and second portion are adapted to interface with each other to maintain the hitch in a position normal to the load cell.

10, 11 & 12 Canceled

13. (Previously presented) The measuring apparatus of claim 9 wherein the elevator car is adapted to move along a guiderail positioned in the hoistway, and wherein the mounting plate is fixed to the guiderail.

14. (Previously presented) The measuring apparatus of claim 9 further includes a beam locating at the top of the hoistway and wherein the mounting plate is attached to the beam.

15. (Previously presented) The measuring apparatus of claim 9 wherein the hoistway is defined by an elevator shaft and the mounting plate is attached to the elevator shaft.

16. (Previously presented) The measuring apparatus of claim 14 wherein the termination is attached to the beam.

17. (New) The measuring apparatus of claim 1 the first portion further comprising one of a convex and concave surface for interfacing with a surface of the second portion the surface of the second portion further comprising the other one of a convex and concave surface.